FIG. 1

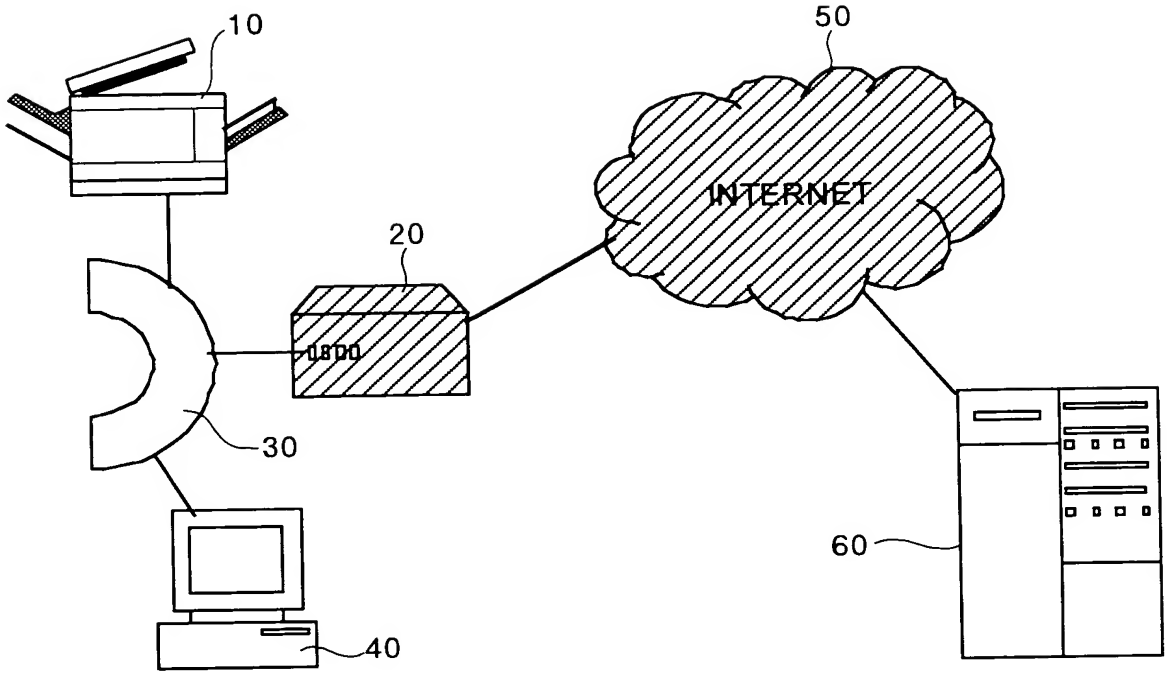

FIG.2

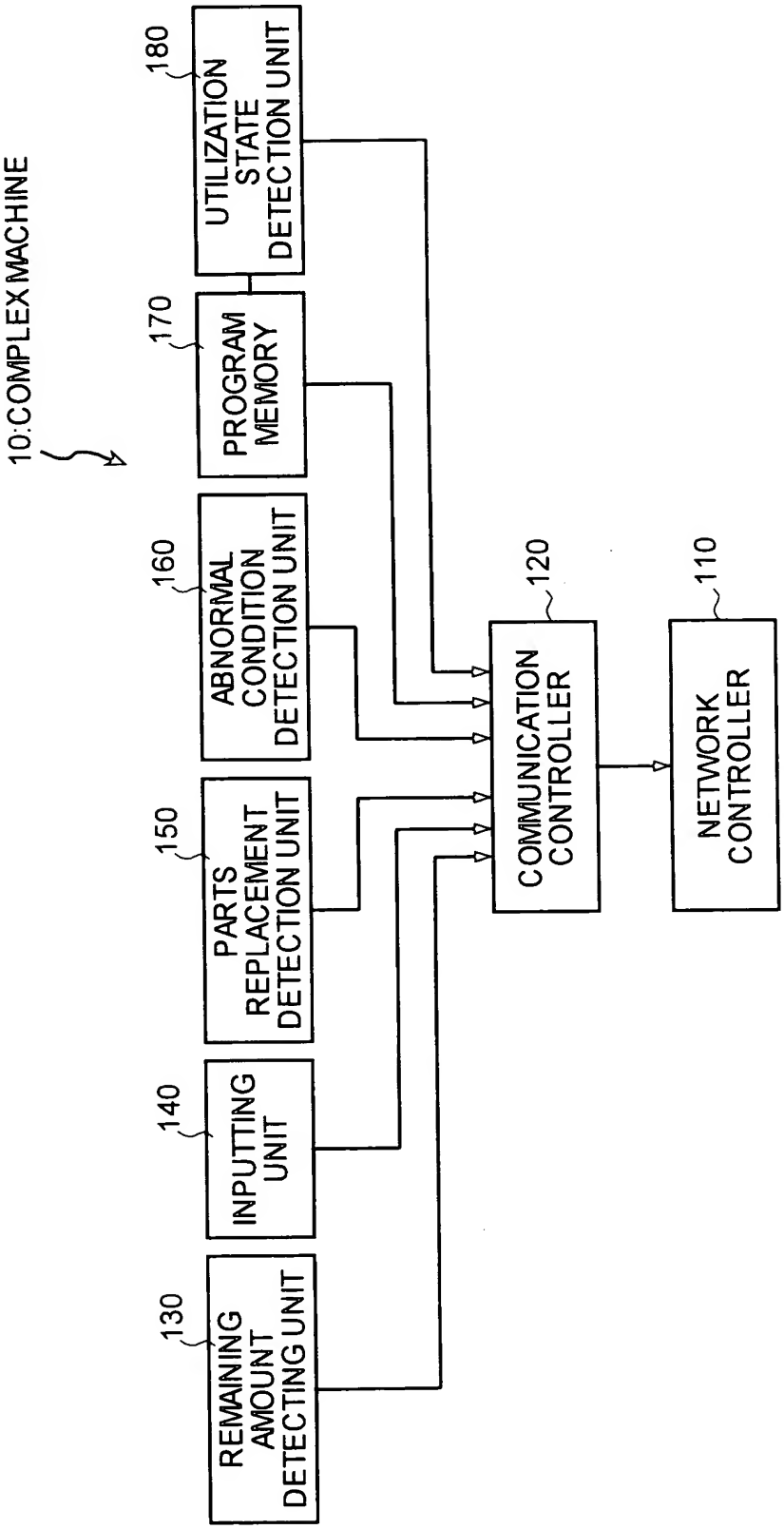
10:COMPLEX MACHINE
180
UTILIZATION STATE DETECTION UNIT
170
PROGRAM MEMORY
160
ABNORMAL CONDITION DETECTION UNIT
150
PARTS REPLACEMENT DETECTION UNIT
140
INPUTTING UNIT
130
REMAINING AMOUNT DETECTING UNIT
120
COMMUNICATION CONTROLLER
110
NETWORK CONTROLLER

FIG.3

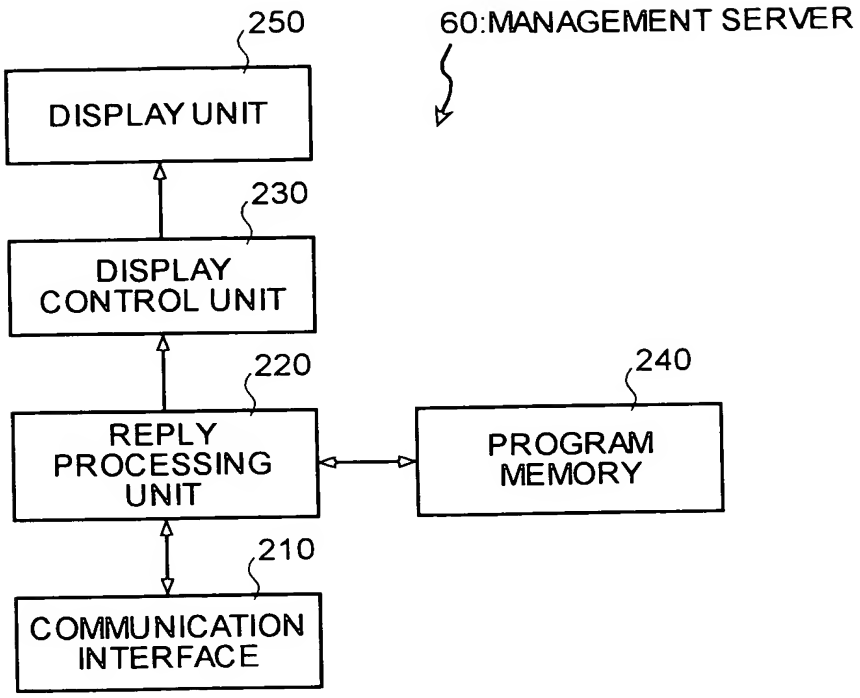
250
60:MANAGEMENT SERVER
DISPLAY UNIT
230
DISPLAY CONTROL UNIT
220
240
REPLY PROCESSING UNIT
PROGRAM MEMORY
210
COMMUNICATION INTERFACE

FIG.4

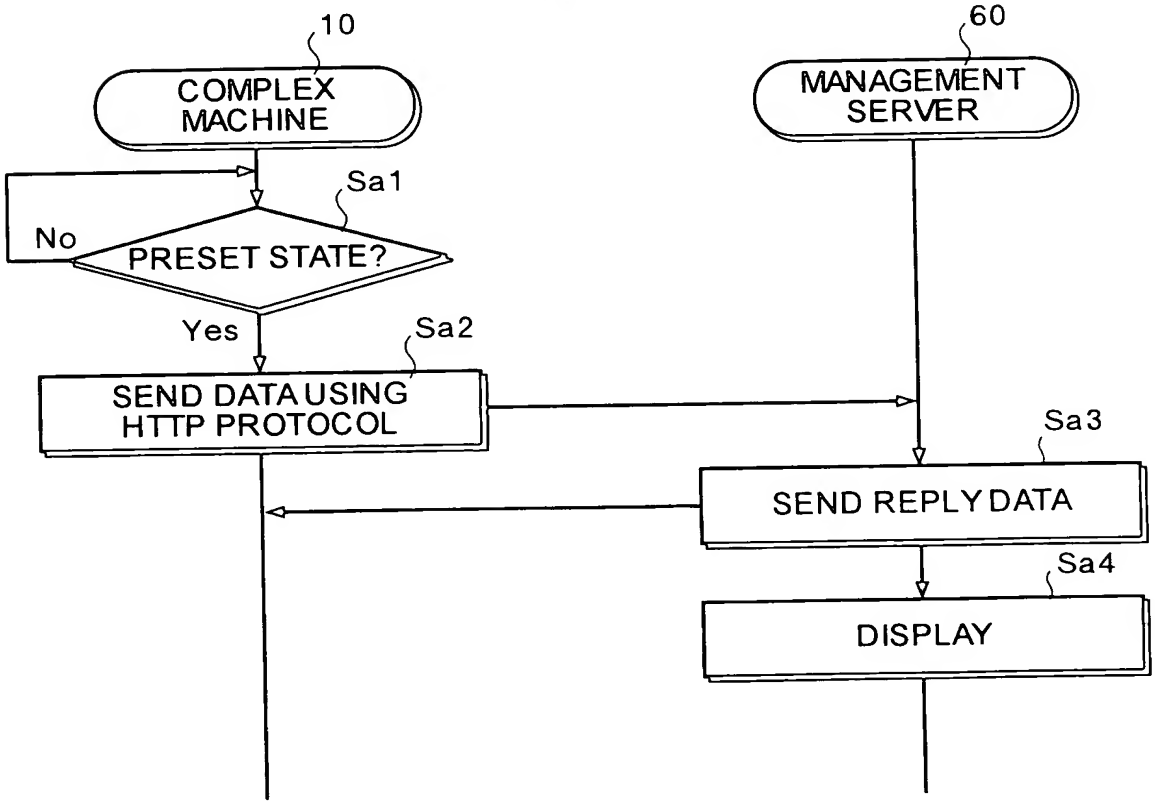
10
60
COMPLEX MACHINE
MANAGEMENT SERVER
Sa1
No
PRESET STATE?
Yes
Sa2
SEND DATA USING HTTP PROTOCOL
Sa3
SEND REPLY DATA
Sa4
DISPLAY

FIG.5

```
GET /cgi-bin/cgi.remoteservice?U=123456&P=341    HTTP/1.0
```

FIG.6

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 29-Jul-2002 14:16:02 GMT
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER   789012 </H1>
        <H1>TONER END</H1>
```

FIG.7

```
GET /cgi-bin/cgi.remoteservice?U=123456&P=531    HTTP/1.0
```

FIG.8

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 30-Jul-2002 17:20:50 GMT
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER   798537</H1>
        <H1>TONER BOTTLE SHOULD BE REPLACED</H1>
```

FIG.9

```
GET /cgi-bin/cgi.remoteservice?U=123456&P=784    HTTP/1.0
```

FIG.10

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 01-Aug-2002 11:25:35 GMT
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER   897321</H1>
        <H1>ABNORMAL CONDITION IN FIXING DRUM</H1>
```

FIG.11

```
GET /cgi-bin/cgi.remoteservice?U=123456&T=MANY SCUMMINGS    HTTP/1.0
```

FIG.12

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 02-Aug-2002 13:37:41 GMT
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER    957649</H1>
        <H1>MANY SCUMMINGS</H1>
```

FIG. 13

```
GET /cgi-bin/cgi.remoteservice?U=123456&E=Type2&U=2  HTTP/1.0
```

FIG. 14

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 02-Aug-2002 15:37:41 GMT
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER  98642</H1>
        <H1>TYPE2 TWO BOTTLES OF TONER</H1>
```

FIG.15

```
GET /cgi-bin/cgi.checkupdate?U=123456  HTTP/1.0
```

FIG.16

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 02-Aug-2002 15:37:41 GMT
Content-Type: Multipart/Mixed; boundary-"----Next Part-----"

----Next Part-----
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER   1256894</H1>
        <H1>CONTROLLER UPDATE</H1>
----Next Part-----
Content-Type: Application/Code
Content-Transfer-Encoding: base64
Content-Description: MFP Controller Program Ver 3.11
Content-Disposition: attachment; filename="setup311"

LS0tIGRyYWZ0LXlhbWFtb3RvLWNoYXJzZXQtaXNvLTIwMjItanA
tMDAudHh0
IE5vdiAgNyAwNTo1NDoxMyAxOTk3CisrKyBkcmFmdC15YW1hb
W90by1jaGFy
MDIyLWpwLTAwLnR4dAlGcmkgTm92ICA3IDEwOjAwOjIwIDE5O
TcKQEAgLTU2

----Next_Part---
```

300

FIG.17

```
GET /cgi-bin/cgi.remoteservice?U=123456&TC=46456&BC=34842&CC=11614
  HTTP/1.0
```

FIG.18

```
HTTP/1.0 200 Document follows
MIME-Version: 1.0
Server: CERN/3.0
Date: Saturday, 02-Aug-2002 15:37:41 GMT
Content-Type: text/html
Content-Length: 99

<TITLE> REMOTE SERVICE Ver 0.1</TITLE>
        <H1>RECEPTION NUMBER   98631</H1>
        <H1>TOTAL NUMBER OF IMAGES OUTPUT 46456
            NUMBER OF MONOCHROME IMAGES OUTPUT 34842
            NUMBER OF COLOR IMAGES OUTPUT 11614</H1>
```